

89391

SOV/169-59-3-3185

9.9100
Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 3, p 158 (USSR)

AUTHOR: Savich, N.A.

TITLE: The Behavior of the Ionosphere During Solar Flares

PERIODICAL: Izv. Krymsk. astrofiz. observ., 1958, Vol 19, pp 129 - 139
(Engl. Res.)

ABSTRACT: The possible character of the electron concentration variations in the ionosphere during chromosphere eruptions is determined on the basis of the solutions of the ionization balance equation for stepped small and large perturbations of the ionization function. The quantitative investigation of ionosphere effects was carried out for 374 eruptions of different intensities under the assumption that the active radiation of a flare, excessive for the ionosphere, can be roughly approximated by a square pulse. Based on experimental data, the following conclusions are drawn: 1) Flares do not emit radiations active for the

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SOV/169-59-3-3185

The Behavior of the Ionosphere During Solar Flares

F₂-, F₁-, and the E-region. 2) An intensive increase of the radiation active for the D-region occurs in a narrow section of the spectrum during certain flares, which are probably different from the rest. 3) Variations of the electron concentration in the D- and E-regions are caused by active radiations of a different nature.

Author's résumé

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Card 2/2

9.9842 (also 1041, 1046)

89770
S/169/61/000/002/024/039
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1961, No. 2, p. 39, # 2G284

AUTHOR: Savich, N. A.

TITLE: On the Behavior of the Ionosphere During Sudden Ionospheric Disturbances

PERIODICAL: V sb.: "Magnitno-ionosfernyye vozmushcheniya", No. 1, Moscow,
AN SSSR, 1959, pp. 67-69

TEXT: A method is presented for the determination of the ionosphere parameter $T_o = 1/\alpha N_o$ during a disturbance on the basis of continuous measurements of N_t/N_o (α is the effective recombination coefficient, N_o is the value of electron concentration at the instant of setting in of the ionospheric disturbance), and the time course of the ionizing emission having caused the disturbance. When approximating the active emission of the flash in the initial stage of development by a triangular pulse, one can also determine the delay time t_m of the maximum of electron concentration with reference to the peak of the approximating triangle, the growth and drop rates of the function of ion generation, and the total time

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S/169/61/000/002/024/039
A005/A001

On the Behavior of the Ionosphere During Sudden Ionospheric Disturbances

of growing of the ion generation function up to the maximum value. It is noted that the experimentally determined course of $N(t)/N_0$ must be continuous and smoothed-out for the use of the method proposed. Results are presented of calculations of the flashes on August 28, 1957 ($\tau_o = 4,800$ sec, $\tau_m = 600$ sec). It is pointed out that the method proposed is applicable to determination of α from the diurnal course of critical frequencies of different layers. It is of interest to compare the results of the analysis of the sudden ionospheric disturbances with the data of the X-radiation of the flashes, which may be obtained by the artificial satellites of the Earth. There are 6 references.

E. Kazimirovskiy

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

82438
S/169/60/000/004/002/002
A005/A001

3.1540
Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 4, p. 168, # 4192

AUTHOR: Savich, N.A.

TITLE: On the Time-Dependent Course of Radiation From Flares Activating the
Ionosphere

PERIODICAL: Solnechnyye dannyye, 1959, No. 3, pp. 82-85

TEXT: The function $p(t) = I(t)/I_0$ is calculated, which is proportional to the time-depending course of solar flare radiation activating the ionosphere, $p(t)$ can be determined from the equation: $\tau_{od}(N/N_0)/dt = p(t) - (N/N_0)^2$, where N/N_0 is the ratio of electronic concentration in the D-zone at the instant t to that at the initial instant of flare(determined from the ratio of the minimum reflection frequencies - f_{min}), τ_0 is the characteristical rise time of the processes in the D-zone. A procedure for determining τ_0 is presented. The variation of $p(t)$ calculated for three flares were compared with the radiation course of these flares in H_α rays; the course was determined from coronographical materials of the

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82438

S/169/60/000/004/002/002
A005/A001

On the Time-Dependent Course of Radiation From Flares Activating the Ionosphere

Krymskaya astrofizicheskaya observatoriya (Crimean Astrophysical Observatory).
This correlation showed that the evolution of flares in H_{α} does not indicate the variations in the radiation activating the ionosphere.

L. N. L.

Card 2/2

SAVICH, N. A., Cand Phys-Math Sci -- (diss) "Behavior of the ionosphere in a period of sudden disturbances." [Moscow, 1960?]. 6 pp; (Moscow Order of Lenin and Order of Labor, Red Banner State Univ im M. V. Lomonosov, Physics Faculty); 150 copies; price not given; (KL, 17-60, 140)

100-98162

22371

S/035/61/000/005/026/042
A001/A101

9,9130

AUTHORS: Neshpor, Yu.I., Savich, N.A.

TITLE: On the possible structure of D-region during sudden ionospheric disturbances

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 5, 1961, 58, abstract 5A381 ("Izv. Krymsk. astrofiz. observ.", 1960, v. 24, 41-47, Engl. summary)

TEXT: The authors propose a method of determining the structure of D-region during sudden ionospheric disturbances. On the basis of experimental results obtained during disturbances of August 31, 1956, and August 22, 1958, the conclusion was drawn that ionizing radiation of those flares was not identical to radiation creating a quiet D-region, but represents apparently X-radiation. There are 5 references.

Authors' summary

[Abstracter's note: Complete translation]

Card 1/1

S/035/61/000/005/022/042
A001/A101

8,1540

AUTHORS: Vinogradov, Yu.I., Savich, N.A.

TITLE: Comparison of development of individual parts of flares in H α with the temporal course of ionizing radiation

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 5, 1961, 55, abstract 5A358 ("Izv. Krymsk. astrofiz. observ.", 1960, v. 24, 48-51, Engl. summary)

TEXT: The authors presume that radiation, active for the ionosphere, may be emitted by individual parts of the flares. There are 5 references.

Authors' summary

✓B

[Abstracter's note: Complete translation]

Card 1/1

9, 9/10

S/109/62/007/002/006/024
D201/D303

AUTHOR: Savich, N.A.

TITLE: Determining the time-dependence of the complete function of ion-formation process from measurements of radiowave absorption in the D-region

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 2, 1962,
230 - 231

TEXT: The author shows that the time dependence of radiowave absorption in the D-region is described by an equation analogous to that usually applied to the ionization balance, provided the relative electron density varies in the same manner throughout the whole thickness of the layer. Hence, the complete function of the ion formation process may be found from experimental data. There are 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: E.V. Appleton, W.R. Piggott, J. Atmos. and Terr. Phys., 1954, 5, 3, 141. VB

SUBMITTED: January 23, 1961

Card 1/1

SAVICH, N. M.; NEUSTRUYEVA, O. E.; NEKRASOVA, V. L.

In memory of Ol'ga Alekseevna Smirnova (1892-1958). Bot. zhur.
(MIRA 16:4)
48 no. 3:467 Mr '63.

1. Botanicheskiy institut imeni V. L. Komarova AM SSSR,
Leningrad.

(Smirnova, Ol'ga Alekseevna, 1892-1958)

S/035/62/000/008/048/090
A001/A101

AUTHOR: Savich, P.

TITLE: On the origin of rotation of a system and of individual celestial bodies

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 86,
abstract 8A605 ("Bull. Acad. serbe sci. et arts", 1961, v. 26,
no. 8, 107 - 112)

TEXT: A hypothesis is put forth that rotation may arise in an overcooled system consisting of different atoms which ionize under the action of gravitation contraction of the system and magnetic momenta of which, being added, give rise to a general rotational moment. ✓

Ye. R.

[Abstracter's note: Complete translation]

Card 1/1

SAVICH, P.V.
SAVICH, P.V., inzh.

Principles in establishing parameters for digger blades of beet
harvesters. Mekh. sili'. hosp. [8] no.12:26-28 D '57. (MIRA 10:12)
(Sugar beets—Harvesting) (Harvesting machinery)

VASILENKO, A.O., [Vasylenko, A.O.] ; SAVICH, P.V. [Savych, P.V.]

Determining soil density by radioactive isotopes [with summary in English]. Dop. AN URSR no. 4:372-375 '58. (MIRA 11:8)

1. AN URSR (for Vasilenko). Institut mashinoznavstva AN URSR.
(Soil physics)
(Radioisotopes)

SAVICH, P. V. (Engr.)

"The Determination of the Density of Soils by Means of Radioactive Isotopes."

All-Union Conference on Problems of Designing and Producing Agricultural Machines
(Vsesoyuznaya konferentsiya po voprosam konfe... po voprosam konstruirovaniya i
proizvodstva sel'skokhozyaystvennykh mashin. Rostov-on-Don, January 1958

Mashinostroitel', 1958, Nr 8, p 46, (USSR)

SAVICH, P.V.

VASILENKO, A.A., akademik; SAVICH, P.V., inzh.

New methods for determining soil density. Mekh. i tekhn. sots.
sel'khoz. 15 no.2:20-22 '58. (MIRA 11:5)

1. Institut mashinovedeniya AN USSR. 2. AN USSR (for Vasilenko).
(Soil physics)

SAVICH, P. V., Cand of Tech Sci — (diss) "Investigation of the Digging Working Members of Beet Gathering Machines," Kiev, 1959, 18 pp (Ukrainian Academy of Agricultural Sciences) (KI, 5-60, 127)

SAVICH, P.V., kand.tekhn. nauk.; CHEKALOV, A.I., starshiy nauchnyy sotrudnik

Methods for mechanized thinning of sugar beets. Mekh. sil'. hosp.
12 no. 4:11-12 Ap '61. (MIRA 14:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Sugar beets) (Agricultural machinery)

SAVICH, P.V. [Savych, P.V.], starshiy nauchnyy sotrudnik

The harvest of sugar beets should be well organized. Mekh. sil'.
hosp. 13 no.8:5-7 Ag '62. (MIRA 15:7)

1. Ukrainskiy nauchno-issledovatek'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Sugar beets)

USSR / Zooparasitology. Parasitic Worms. Helminths of G
Man.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24256.

Author : Kosmachevskiy, V. V., Bondareva, N. V., Savich,
T. Ye.

Inst : Belorussian Institute for the Advanced Training
of Physicians.

Title : Clinical and Epidemiological Peculiarities in
Belorussia.

Orig Pub: Sb. nauchn. rabot Belorussk. in-t usoversh.
vrachey, 1958, 1, 180-184.

Abstract: No abstract.

Card 1/1

KOSMACHEVSKIY, V.V.; BONDAREVA, N.V.; SAVICH, T.Ye.

Clinical aspects of Trichinella infection. Med. paraz. i paraz. bol. 27
no.4:492 J1-Ag '58. (MIRA 12:2)

1. Iz knyedy infektsionnykh bolezney Instituta usovershenstvovaniya
vrachey Belorusskoy SSR.
(TRICHINOSIS, case reports,
clin. course (Rus))

SAVICH, T.

Evgenii Ivanovich Martsinovskii. Zdrav.Belor. 5 no.7:68
Jl '59. (MIRRA 12:9)
(MARTSINOVSKII, EVGENII IVANOVICH, 1874-1934)

SAVICH, T. Z.

Chemistry - Experiments

Method of studying the production of sulfuric acid in the 8th grade. Khim. v shkole, no 1,
'52.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

1. SAVICH, T. Z.
2. USSR (600)
4. Education of Children - Congresses
7. All-Russian Conference on problems of extracurricular and home work. Fiz. v shkole no. 1: 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

三五七

YEGOR'KIN, V.F.; KOTLYROVA, O.S.; SAVICH, T.Z.

Results of chemistry examinations. Khim.v shkole 11 no.5:77-79
S-0 '56. (MLBA 9:11)

(Chemistry--Examinations, questions, etc.)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8"

SAVICH, T.Z. (Moskva)

Certain methods for making chemistry students think. Khim. v shkole
13 no.1:23-28 Ja-F '58. (MIRA 10:12)
(Chemistry—Study and teaching)

SAVICH, T.Z.

Propagation of knowledge on chemistry among the population.
Khim. v shkole 14 no.2:50-56 Mr-Ap '59. (MIRA 12:4)
(Chemistry)

SAVICH, T.Z.; KLESHCHEVA, Ye.P.

Contact between the teaching of chemistry in eight-year schools
and life. Khim. v shkole 17 no.5:33-41 S-0 '62. (MIRA 15:9)
(Chemistry--Study and teaching)

SAVICH, V. A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

BOOK

AID 305 - I

Author: SAVICH, V. A.

Call No. Q0917.S37

Full Title: PSYCHROMETRIC TABLES

Transliterated Title: Psikhrometricheskiye Tablitsy

Publishing Data:

Originating Agency: None

Publishing House: Hydrometeorological Publishing House

Date: 1952

No. pp.: 252

No. of copies: 15,000

Editorial Staff

Editor: None

Tech. Ed.: None

Editor-in-Chief: None

Appraisers: None

Text Data

Coverage: The tables are used for computation of relative humidity, deficiency of humidity and dew point for an atmospheric pressure from 550 to 1100 mb. and temperatures from -70.0° to $+50.0^{\circ}\text{C}$ at all kinds of stations in deserts, polar regions, high altitudes, etc., under various conditions. The basic table I (pp. 8-218) gives the values of:

1. The wet bulb temperatures (centigrade)
2. Humidities; a) absolute (millibars) and b) relative (per cent); and
3. The deficiency of saturation (millibars).

It is computed for 1000 mb. pressure and dry-bulb temperatures from -70.0°C to $+50.0^{\circ}\text{C}$. Two additional tables give:

1. The corrections of the wet bulb temperatures for the actual aspira-

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"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8

SAVICH, V.A.; KRASOVSKIY, A.A., redaktor; SHUMIKHIN, K.F., tekhnicheskij
redaktor.

[Psychrometric tables] Psikhrometricheskie tablitsy. Leningrad.
Gidrometeor. izd-vo, 1957. 251 p. (MIRA 10:11)
(Hygrometry--Tables, etc.)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8

SAVICH, V.A.; KAPITANETS, Ye.P., red.; BRAYNINA, M.I., tekhn. red.

[Psychrometric tables] Psikhrometricheskie tablitsy. Izd.2.
Leningrad, Gidrometeoizdat, 1963. 251 p. (MIRA 16:8)
(Hygrometry—Tables)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8"

S. A. Weber, D.O.
VEBER, V.V., professor; GORSKAYA, A.I.; YEGOROV, Ye.N.; MANUCHAROVA, Ye.A.;
MESSINEVA, M.A.; RADCHENKO, O.A.; REMEZOVA, T.S.; ROMM, I.I.;
SAVICH, V.G.; SKADOVSKIY, S.N.; UL'M, V.A.; FOKINA, N.I.; PORSH, T.B.;
SHABAROVA, N.T.; SHCHAPOVA, T.P.; EBERZIN, A.G.; YURKEVICH, I.A.

Results of the comprehensive study of contemporary analogues of oil-bearing facies. Trudy VNIGNI no.2:111-121 '51. (MLRA 10:4)
(Petroleum geology)

VEBER, V.V., professor; GINZBURG-KARAGICHREVA, T.L.; GLEBOVSKAYA, Ye.A.;
GORSKAYA, A.I.; ZAKHAROV, A.A.; MANUCHAROVA, Ye.A. [deceased];
MEKHTIYEVA, V.L.; ROMM, I.I.; SAVICH, V.G.; TALDYKINA, N.N.,
FOKINA, N.I.; YURKEVICH, I.I.A.; MIRCHINK, M.F., professor, redakteur;
L'VOVA, L.A., redaktor; TROFIMOV, A.V., tekhnicheskij redakteur..

[Accumulation and transformation of organic substances in recent
sea sediments; in the light of the problem of oil origin] Nakoplenie
i preobrazovanie organicheskogo veshchestva v sovremennykh morskikh
osadkakh; v aspekte problemy proiskhozhdeniya nefti. Sbornik statei
pod red. M.F.Mirchink. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi
i gorno-toplivnoi lit-ry, 1956. 342 p. (MLR 9:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy institut.
2. Chlen korespondent AN SSSR (for Mirchink)
(Sapropelites) (Marine biology) (Petroleum geology)

SAVICH, V. G.

✓ Main lines of the oxidation-reduction state of contemporary marine sediments. V. G. Savich. Vsesoyuz. Nauch.-Issledovatel. Geol.-Razvedoch. Inst. 1956, 92-143.—Data on oxidation-reduction potentials found in contemporary sediments of Caspian and Black seas are presented. The potential tends to rise generally with decreased content of org. matter in sandy matter and shows somewhat poorer regularity in clays or clayey silts. Mobile Fe^{II} is relatively close to the concen. found in the sediments; while mobile Fe^{III} is negligible, the latter existing mainly in ppts. or intel. compds. Appreciable amts. of Mn are found in the sediments, in which it is mainly found in mobile state with near-equil. concens. of Mn⁺⁺ and Mn⁺. In the Caspian area the most reduced sediments are located in the shallow bays. Most clay delta deposits had pos. Eh values if org. matter was relatively low; those with high concn. of org. matter had strongly neg. Eh values. G. M. K.

SAVICHEV, Grigoriy Pavlovich; KONYAKHIN, L.G., red.; CHISTYAKOVA,
K.S., tekhn. red.

[Air transportation contracts] Dogovor vozдушной перевозки;
лекции для студентов юридических факультетов
государственных университетов. Москва, Изд-во Моск. унив., 1963. 79 п.
(MIRA 16:7)
(Aeronautics, Commercial--Freight)

SAVICH, V.I.

Reciprocal interrelations of muscle antagonists under
normal conditions and in the case of brain tumors. Dokl.
AN BSSR 7 no.4:280-282 Ap '63. (MIRA 16:11)

1. Belorusskiy gosudarstvennyy institut usovershenstvovaniya
vrachey. Predstavлено akademikom AN BSSR D.A. Markovym.

*

SAVICH V. N., SIGALOV D. L.

Vmeshatel'stva na diafragmal'nom nerve pri tuberkuleze legkikh
u detei rannego vorzrasta. /Phrenicectomy in pulmonary tuberculosis
of young children/ Probl. tuberk., Moskva No. 5 Sept-Oct 50
p. 67-9.

1. Of Kiev Institute for the Advanced Training of Physicians
(Director — Prof. I. I. Kal'chenko) and of the Ukrainian
Institute for the Protection of Mothers and Children (Director —
Candidate Medical Sciences A. G. Pap).
CLM. Vol. 20, No. 2 Feb 1951

SAVICH, V. P.

PA 9/49T71

USSR/Medicine - Antibiotics
Medicine - Lichen

Oct 48

"Vulpine Lichens," V. P. Savich, 1 p

"Priroda" No 10

Research in antibiotics has shown possibility of
using acid from vulpine lichens. Describes areas
in which lichen is found, and fundamentals for
extracting so-called vulpinic acid.

9/49T71

SAVICH, V. P.

23106 Lishayniki roda Aspicilia na kamchatke. Botan. Materialy otd. Sporovykh rasteniy botan. In-ta im. Komarova, T. VI, vyp. 1-6, 1949, C. 1-9

SO: LETOPIS' NO. 31, 1949

SAVICH, V. P., YELENKIN, A. A.

Lichens - Russia, Asiatic

Introduction to the lichens of the Asiatic part of the U.S.S.R. Trudy Bot. inst. AN SSSR.,
Ser. 2, No. 6, 1950.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

VASIL'KOV, B.P.; SAVICH, V.P., zasluzhennyy deyatel' nauki, professor, redaktor.

[Study of mushrooms in the U.S.S.R.; historical and bibliographical sketch] Izuchenie shliapochnykh gribov v SSSR; istoriko-bibliogra-ficheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1953. 191 p. (MIRA 7:3)

(Mushrooms) (Bibliography--Mushrooms) (Mushrooms--Bibliography)

BONDARTSEV, Apollinariy Semenovich, 1877- : SAVICH, V.P., professor,
otvetstvennyy redaktor.

[Pore fungi of the European part of the U.S.S.R. and the Caucasus]
Trutovye griby Evropeiskoi chasti SSSR i Kavkaza. Moskva, Izd-vo
Akademii nauk SSSR, 1953. 1106 p. (MLRA 7:4)

1. Zasluzhennyy deyatel' nauki RSFSR (for Savich). (Fungi)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8

KUPREVICH, V.F.; LITVINOV, M.A.; MOISEYEVA, Ye.N.; RASSADINA, K.A.;
SAVICH, V.P.

Lichens as a source of antibiotics. Trudy Bot.inst. Ser.2 no.8:
327-356 '53. (MLRA 7:1)

(Lichens) (Antibiotics)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8"

SAVICH, V.P.

BONDARTSEV, A.S.; SAVICH, V.P., professor, doktor biologicheskikh nauk,
zasluzhennyy deyatel' nauki RSFSR; BRODSKIY, K.A., redaktor; ARONS,
R.A., tekhnicheskiy redaktor

[Color chart; manual for biologists engaged in pure and applied
scientific research] Shkala tsvetov; posobie dlja biologov pri
nauchnykh i nauchno-prikladnykh issledovaniakh. Moskva, Izd-vo
Akademii nauk SSSR, 1954. 27 p. (MLRA 8:4)

(Colors--Terminology)

NAUMOV, N.A.; SAVICH, V.P., professor, zasluzhennyy deyatel' nauki RSFSR,
doktor biologicheskikh nauk, otvetstvennyy redaktor; RYBITSKIY, N.A.,
redaktor; ARONS, R.A., tekhnicheskiy redaktor.

[A study of fungi in the Leningrad Province] Flora gribov Leningradskoi oblasti. Part 1. [Archimycetes and phycomycetes] Arkhimi-tsy i fikomitsety. 1954. 182 p. Moskva, Izd-vo Akademii nauk SSSR.
1954. 182 p.

(Leningrad province--Fungi)

ABRAMOVA, A.L.; LADYZHENSKAYA, K.L.; SAVICH-LYUBITSKAYA, L.I.; SAVICH, V.P., professor, doktor biologicheskikh nauk, zasluzhennyy deyatel' nauki RSFSR, otvetstvennyy redaktor; VIKHREV, S.D., redaktor; ARONS, R.S., tekhnicheskiy redaktor

[Cryptogamic flora of U.S.S.R.] Flora sporovykh rastenii SSSR. Moskva. Vol.3. [Mosses] Listostebel'nye mkh. No.2. [Andreaeales and Bryales (Tetraphidales, Polytrichales, Byxbaumiales, Schistostegales)] Andreevye i Brievye (Tetrafitzovye, Politrikhovye, Buksbaumievye, Shistostegovye) mkh. 1954. 329 p. (MLRA 8:3)

1. Akademiya nauk SSSR. Botanicheskiy institut.
(Mosses)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8

ZINOVA, A.D.; SAVICH, V.P., professor, zasluzhennyy deyatel' nauki RSFSR,
redaktor; GOLOVIN, M.I., redaktor; KRUGLIKOV, N.A., tekhnicheskiy
redaktor.

[Guide to red algae of the northern seas of the U.S.S.R.] Opredselite'l'
krasnykh vodoroslei severnykh morei SSSR. Moskva, Izd-vo Akademii
nauk SSSR, 1955. 219 p.
(Russia, Northern--Algae)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001447320020-8"

PROSHKINA-LAVRENKO, A.I.; SAVICH, V.P., professor, redaktor; GOLOVIN, M.I., redaktor; KIRNARSKAYA, A.A., tekhnicheskiy redaktor.

[Diatomaceous plankton algae of the Black Sea] Diatomovye vodorosli planktona Chernogo moria. Moskva, Izd-vo Akademii nauk SSSR, 1955. 222 p. (MLRA 8:12)

1. Zasluzhennyy deyatel' nauki RSFSR (for Savich).
(Black Sea--Plankton)

SAVICH, V.P.

GOLLERBAKH, M.M., professor; KOSINSKAYA, Y.E.K.; POLYANSKY, V.I.,
professor; MATVIYENKO, A.M.; ZABELINA, M.M.; KISELEV, I.A.;
PROSHKINA-LAVRENSKO, A.I.; SHESHUKOVA, V.S.; POPOVA, T.G.;
SAVICH, V.P., professor, zasluzhennyy deyatel's nauki RSFSR,
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SOV/20-126-3-61/69

17(3)
AUTHORS:

Kuprevich, V. F., Corresponding Member AS USSR, Gollerbach, M. M.,
Moiseyeva, Ye. N., Savich, V. P., Shcherbakova, T.A.

TITLE:

Some Data on the Biological Activity of the Subsoils, Soils and
Lichens in the East Antarctic (Nekotoryye dannyye o biologicheskoy
aktivnosti gruntov, pochv i lishaynikov Vostochnoy Antarktidy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 678-681
(USSR)

ABSTRACT:

The material for the present paper was collected by M. M. Gollerbach in the Antarctic in January-March 1957 within the Continental Department of the Sovetskaya antarkticheskaya ekspeditsiya (Soviet Antarctic Expedition). The vegetation in the Antarctic is very peculiar and mainly consists of algae, lichens and moss. The living conditions of these plants are also peculiar and extraordinarily hard. The clarification of the degree of viability of these plants and of the intensity of their biological effect is therefore of considerable interest. One of the simplest and most practical methods of determining the biological total activity of the soil is the determination of the ferments contained in it (Refs 1, 2). The material was collected in the area of the principal base of the mentioned

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expedition - the Mirnyy settlement. In the samples of the sub-soils and soils, the activity of the catalase and invertase (method Ref 3) was determined in air-dry state. A considerable activity of both ferments was ascertained in fine earths more or less rich in algae (Table 1). These results lead to the conclusion that the soil-forming processes in the Antarctic are only possible on the basis of sufficient accumulation of organic substances, which are present in the excrements of seabirds. The organic substances which produce the plants are insufficient for this purpose because they are decomposed and weathered at a faster rate than the accumulation process can supply them. 2 kinds of lichens were investigated for composition and activity of ferments: *Neuropogon antarcticus* (DR.) Savicz and *N. sulphureus* (Koenig) Elenk. (family of Usneaceae) from the island of Khasuell. The ferment activity proved to be rather considerable. Table 2 shows this for inter- and intracellular ferments. The differences in activity must be attributed to properties of peculiar kinds. Both kinds are very similar to those of the species *Usnea* in the north of the USSR with respect to the presence of ferments, but the activity is higher

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than there. Therefore, the conclusion can be made that the lichens investigated possess sufficient biological activity under the most severe conditions of the Antarctic. This activity ensures a regular course of processes of life, the formation and accumulation of the chemical substances peculiar to them. Other investigations are necessary for further generalizations. There are 2 figures and 4 Soviet references.

ASSOCIATION: Botanicheskiy institut im. V. L. Komarova Akademii nauk SSSR
(Botanical Institute imeni V. L. Komarov of the Academy of Sciences, USSR) Laboratoriya fiziologii i sistematiki nizshikh rasteniy Akademii nauk SSSR (Laboratory for Physiology and Systematics of Inferior Plants of the Academy of Sciences, USSR)

SUBMITTED: March 26, 1959

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SAVICH, E. F.

OPYT RABOTY KOMPLEKSNAY BRIGADY PO VNEDRENIYU SKOROSTNAGO FREZEROVANIYA NA KIROVSKOM ZAVODE (Experimental Work of a Leading Group "Complex Brigade" in Introduction of Speed Milling at the Kirov Plant). In Akademiya Nauk SSSR. Peredovoy opyt novatorov mashinostroyeniya (Progressive Experience of Leading Men in the Machine-Building Industry) 1954. Part I: Skorostnyye metody mekhanicheskoy obrabotki metallov (High-Speed Methods in Machining of Metals). p. 30-48.

The author, leading turner and foreman-instructor in the tractor shop of the Kirov Plant in Leningrad, describes the organization of a group of highly-qualified workers and technicians, the so-called 'complex brigade', for development of speed milling. He tells how these groups of 5 to 14 men, consisting of the deputy-chief of the tractor shop, the milling tool designer, the shop senior engineer, the chief of the technological bureau, the designer of semi-automatic equipment, and the shop mechanic and repair man did practical research work in machine-tool modernization, helped by two specialists in the machines under reconstruction, and by others. The brigades were in constant contact with scientists of the Leningrad Polytechnic Institute and other institutions. The techniques used and the results achieved in the modernisation of cutting tools and equipment, are described. Thirteen drawings and 3 tables.

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27-10-2/21

AUTHOR: Savich, Ye. Milling Machine Operator of the Kirov Plant (Leningrad)

TITLE: To Train Innovators (Rastit' novatorov)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 10,
p 7-8 (USSR)

ABSTRACT: The author relates his experiences working his way up from a milling machine operator to an innovator at the Kirov Plant (Kirovskiy Zavod). He remembers the men who have been of help to him, and describes the help given by the laborers of the Kirov Plant in the Technical School # 11 situated at the plant. A branch of the Technical-Engineering Society (Nauchno-inzhe-nerno-tehnicheskoye obshchestvo NITO) at the Kirov Plant participated actively in this work. Much attention was paid to equipping the instruction rooms and laboratories of the school with necessary teaching and visual aids. The author points out that more new and highly improved types of machinery, devices and apparatuses are being manufactured at the enterprises, institutes and laboratories of Leningrad, and delivered, not only to other districts of the country, but also abroad. The

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SAVICH, Yekaterina Fominichna; KLEYNMAN, M.Ya., red.; IZHEBDINA, S.I.,
tekhn.red.

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29 p.
(Stalingrad Province--Agriculture--Labor productivity)

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PRESNOVA, V.A., tekhn. red.

[New cutters and attachments] Novye frezy i prisposoble-
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(Metal-cutting tools)
(Milling machines--Attachments)

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1. Leningradskiy metallichесkiy zavod imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza, predsedatel' Soveta novatorov zavoda (for Biryukov). 2. Chetyrezhdy ordenonosnyy Kirovskiy zavod, Leningrad; predsedatel' sektsii frezerovshchikov Soveta novatorov g. Leningrada (for Savich). 3. Leningradskoye ob'yedineniye optiko-mekhanicheskikh predpriyatiy (for Ryzhikov).

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